

5 **Abstract**

The present invention relates to a modular telemedicine system with a universal adapter to connect function modules, of which at least one is present at the patient's location, for medical 10 diagnostic, identification, audiovisual communication and geographic position determination purposes to a variable process module to transmit, process and output data.

15 The connection of the system, which can be used anywhere, to a physician's receiving center allows mobile telemedical treatment of patients.

20 Simplified, basic operation of all function modules is made possible by a wirebound or possibly wireless connection between the function module and the universal adapter, as well as the wireless or wirebound transmission of data to corresponding process modules. Each function module can both be used separately and in combination with the universal adapter and the process module.

25 The function module and universal adapter have a central processor for data processing and non-mechanical storage elements for data storage as well as control and signal elements on the surface of the module required for operation.